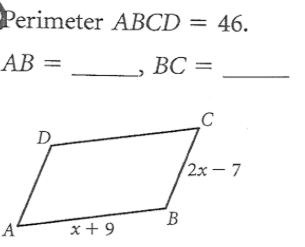
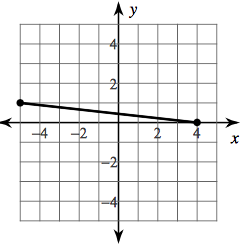
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**Day #2 Homework**

1. Find the distance between the two points. 2.





3.



**Given:** **;** A is the midpoint of

**Prove:**

|  |  |
| --- | --- |
| Statements | Reasons |
| 1. | 1. Given |
| 2. | 2. Given |
| 3. | 3. Definition of midpoint |
| 4. | 4. Vertical angles are congruent |
| 5. | 6. SAS |
| 6. | 7. |

**ANSWER KEY**

1. or 9.1 2. x = 7, AB = 16, BC = 14

3.

|  |  |
| --- | --- |
| Statements | Reasons |
| 1. | 1. Given |
| 2. A is the midpoint of | 2. Given |
| 3. | 3. Definition of midpoint |
| 4. | 4. Vertical angles are congruent |
| 5. | 6. SAS |
| 6. | 7. CPCTC |